

WEST WIND

NEWSLETTER OF THE PORTLAND AREA SAILPLANE SOCIETY



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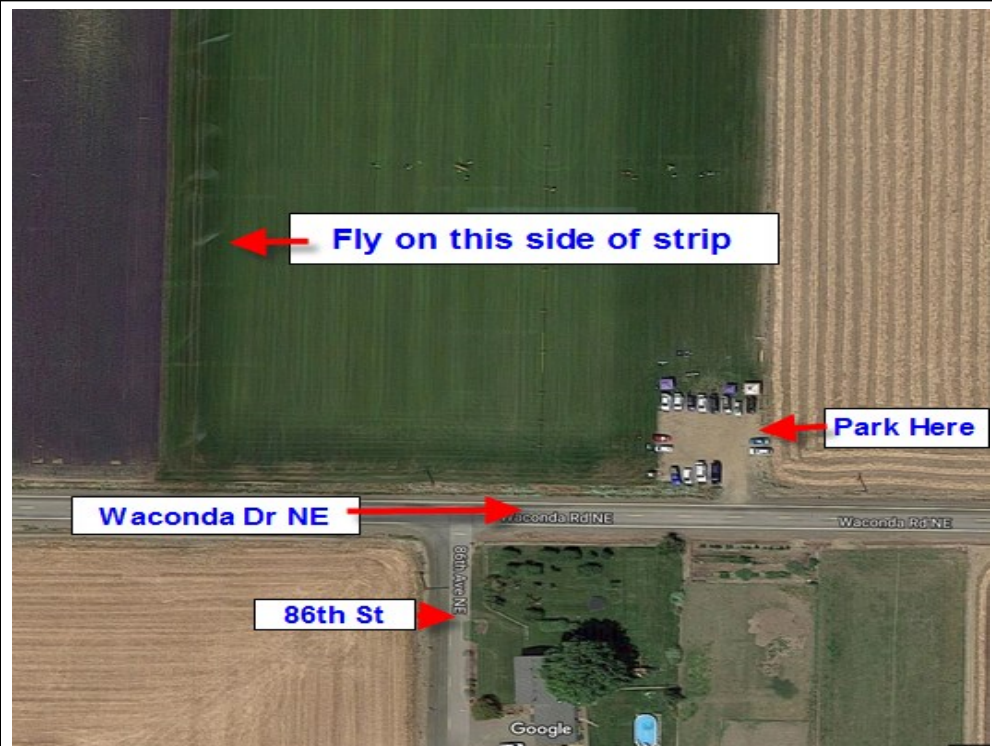
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PASS Club News

Est. 1976

Note the contest event schedule will be published on the PASS web page from now on, not in the NL.

Note Terry says that Steve wants us to use the field off Waconda Dr. and 86th. Fly in the West side of the strip. Please call Terry if you have questions... 503 982-0792



Club Officers & Officials

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Vice President

Keith Ragsdale 503.521.0817

Treasurer

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Director

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Director

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PASS Meeting Notice for January 9th.

The club meeting will be on Tuesday the 9th, at the Pizza place! Usual times... Gather at 7:00 and start at 7:30 PM. Round Table Pizza, 10070 SW Barbur Blvd., Portland, OR

PASS Meeting Minutes December 12

Meeting called to order at 7:30 +/- by Pres. Bruce Rose.

No guests to introduce.

Items for sale were shared by Jim Gibson and Allen H. An assortment of stuff.

Richard brought in a Horus Tx with some interesting feathers like a touch screen.. He is using open source for programing. He is also selling two Taranis Radios.

Contest schedule has been circulated and is still being up dated. Coordination of contest schedules is being done for several NW flying clubs.

Treasurer's report by Tom C. Total funds on hand is \$5,996.48.

PASS Outing awards club dinner is Jan. 20th, 6:30 PM. Cost is the same at \$8 per person. John S. will be running the Big Honking Raffle. Hobby prizes, and non-hobby prizes will be available for flyers and significant others.

Annual Dues are at \$30 per year. Name tags are included in the cost of membership.

Election ballots were passed out for next year's club officers. Ballots were turned in.

Tom C. had a Dave Johnson update. He is doing pretty good, but each month he slows down. He had a nasty fall and he is home recuperating. He is happy to take phone calls.

Mike S. would like some help creating a yearly trophy 🏆 for the F3 contests. Richard needs to have any contest scores handed in for the year end tally.

Bladder break.

Meeting reconvened at about 8:25.

Show and tell started with John S. sharing a method of securing a prop in a vice. The product he is using is called "instant morph". It has a melting temperature of 120 degrees. Robin Robertson showed his F3 plane which has. 4oz per Ft2 wing loading.

Dave Portwood is working on indoor flying at a school in Kaiser, OR. There are insurance issues to be resolved.

Meeting adjourned at 8:35.

Respectfully submitted:

Tom Fowler, Secretary

Year End Banquet by Tom Culmsee



Year End Banquet Info

The PASS Outing year end banquet has been set up. Eat great food and watch/receive 2016 club awards.

When: Saturday, January 20, 2018

Time: 6:30pm

Where: Stark Street Pizza (9234 SE Stark St, Portland, OR 97216 ... 503-255-2364)

Cost: \$8 per person (Pizza/Sandwich/Salad Bar and soft drinks, beer extra)

Featuring the **Big Honk'n Raffle** . . presented by **John Schritz**

- One set of drawings for hobby store gift certificates (winners select one unmarked envelope)
- Multiple drawings for hobby related products. (add your raffle tickets to any prize you want)
- Special drawings for the spouses (winners can select gift certificates)
- Tickets are \$2.50 ea. Each \$10 grants you 5 tickets.
- Two free tickets for each banquet attendee
- You do not have to be present to win as tickets may be purchased ahead of time at the December and January club meetings (prizes may be displayed for your perusal)

Stark Street Pizza Company A Portland tradition since 1965

Our banquet facility is a fantastic place to host any kind of party.



- Seating 65 people comfortably
- Tables can all be moved to fit any situation
- Featuring a big screen tv with a DVD player
- Restaurant music may be turned off for a quiet meeting
- Doors for privacy
- A separate entrance to restrooms
- \$60.00 deposit guarantees the room - may be applied to the \$100 minimum food purchase
- Non-smoking
- 30 people minimum
- No outside food or beverages allowed with the exception of a dessert (birthday cake, etc)
- You may decorate any way you like. We just ask that you please do not use confetti.

F3res Update

F3Res Contests and Tuneups for 2018 by Mike Skeen

Saturday, April 21 – Funfly and Tuneup
Saturday, May 19 – Contest #1
Saturday, June 16 – Contest #2
Sunday, August 5 – Contest #3
Saturday, September 22 – Contest #4

A year ago F3Res was just an interesting idea, flown by a few clubs in Europe. The idea of building and competing with wood 2 Meter gliders, seemed so retro. For a variety of reasons, these simple gliders are actually a lot of fun to build and fly.

At last count, about 27 PASS members have acquired an F3Res kit, or are building something else that is legal for F3Res competition. There are a lot of models to choose from, and the latest information can be found on RCGroups.

<https://www.rcgroups.com/forums/showthread.php?2696827-F3-RES-Resources>

The following is a list of models and PASS pilots. If you're undecided about what model to build, contact one of them.

AndReas – Tom F., John L., Keith R., Scott G., Kevin M.

Chrysalis Lite - Jim G., Don S., John L., Dave F., Robin R.

Fresh – Dave F., Topher M., Tom C.

Gentle Lady – Charlie A., Chris S., Scott F.

MadRes - Chris S., Bill K.

Own Design – Kyle K., Mike S., Robin R., Bob N.

RESolution V2 – Don S.

Modified R08 – Terry E.

RESi mit Kreuzleitwerk ARF – Jim G., Don S., Drew L., Frank B.

SHK Scale Glider by Jim Gibson

I also finished off the cockpit using the supplied interior modified in the back to accept my pilot bust. I felt this model would look good with a 10' foot cockpit detail-----that is, looks good to me from 10' away. I'm fastening the canopy using small rare earth magnets up front. I've started with two and have provisions to add two more if needed, which I've gone ahead and done. I'm also going to add some kind of backup safety restraint as I really don't want to loose the canopy . I just hated to spoil the fuselage appearance with an external release. The canopy was glued on using Sig Canopy Glue and trim painted to match the cockpit.

If possible, I like to select finish colors that emulate the full size that I'm building. I found a British SHK that I liked the color scheme for and that is what I'm using on mine, mostly. I'm finishing the SHK off using Ultracote. I've finished off the bottom of the wings using a dark color to help my tired 'ol eyes see it in the sky.

More to come,
Happy Holidays everyone!



**PORTLAND AREA SAILPLANE SOCIETY
2018 SEASON
SCALE AEROTOW FUN FLY**



Dates: Saturday, May 5th
Sunday, June 10th
Saturday, July 14th

Fri – Sun, August 24 - 26
Sunday, September 9th

Location: Willamette Turf – 8624 Wabash Drive NE, Salem, Oregon (see map below)
Note: Field is located on Waconda Drive NE(at intersection with 86th Street)

Time: Registration 9:00am, pilots meeting 10:00am, fly 'til about 5:00pm

Fees: \$10.00 per pilot
AMA or MAAC Membership Required(can join at field)

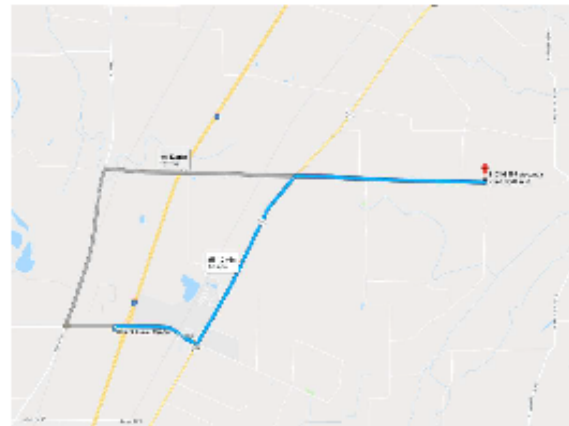
Coordinators: Jim Gibson: e-mail: jim.gibson6237@gmail.com
phone: 503-669-7271
cell: 360-608-5821

Details: Tug available to tow large & small scale sailplanes. Turf field is approximately 1500 ft. long oriented in the north-south direction in the Willamette Valley in the middle of farm land.

Weather Note: In the event of a forecasted rainout, the coordinator will cancel the event by the Thursday before the event. Coordinator will notify participants via e-mail. The event coordinator may also be contacted for confirmation.

Directions:

- I-5 Exit 263(Brooks)
- East on Brooklake RD NE
- 1.0 mi turn left on 99E(Pacific Hwy)
- 2.1 mi turn right on Waconda RD NE
- 2.3 mi turn left on gravel lot north side of road just past 86th Street
- Drive down edge of field looking for parked cars



Salem ~9 miles Exit 263 to Willamette Turf field: 5.5 miles

McMinnville Swap Meet

*McMinnville Aircraft Modelers
Swap Meet 2018*

*March 10 .2018
Yamhill County Fairgrounds
2070 NE Lafayette Ave
McMinnville . Or
97128*

Vendor set up Friday March 9th 3pm to 7pm
Vendor set up Saturday March 10th 8am to 9am
Swap Meet Hours March 10th 9am to 2pm

Wall tables are \$20 each
Floor tables are \$15 each
General Admission
\$2 per person at the door

Jeff Jones 503-367-4784
joneses460@msn.com

Butch Jurhs 971-237-1737
butch@jurhs.com

Shawn Barney 503-330-6783
shawnbarney@comcast.net

www.mcminnvilleaircraftmodelers.com

RV's welcome \$20 per night dry camping
Fair grounds parking lot



McMinnville Swap Meet table registration pg 2

McMinnville Aircraft Modelers Swap Meet 2018
March 10, 2018

Yamhill County Fairgrounds
2070 NE Lafayette Ave
McMinnville, OR
97128

Vendor Setup Hours Friday March 9th 3pm to 7pm

Vendor Setup Saturday March 10th 8am to 9am

Swap meet hours Saturday 9am to 2pm

Wall Tables \$20.00 ea

Floor Tables \$15.00 ea

Number of Wall tables needed _____

Number of Floor tables needed _____

All tables are first come first reserved, limit of 4 tables

RV Spaces (dry camping only \$20.00 per nite) _____

Total payment enclosed \$ _____

Name _____

Mailing address _____

State _____ Zip _____ Phone _____ - _____ - _____

Email _____

Please print all above

By signing below you release McMinnville Aircraft Modelers and its members from any liability as to loss or injury in connection with this swap meet,

Signature _____

PSS FOLKERSMITT #3 (Power Slope Scale) by Tom Fowler

This is what Tom Fowler has been working on. Joe Cormier made the fuse mold. This is Joe Mach1 who came up with the Mach-1 twist wing slope plane. He combined elements of the German WW2 Focke-wolf Fu 190 that had a 14-cylinder radial engine and a short nose with the Focke-wolf Ta 152 long nose that housed a V12 super-charged engine. I used Klas Koat epoxy paint (2 part) that is applied with a spray gun for smooth, shiny, durable finish. The #3 on the tail fin is to note that this was fuse #3 that Joe pulled from his custom mold. Note the gun blisters on the nose along with the bullet troughs.

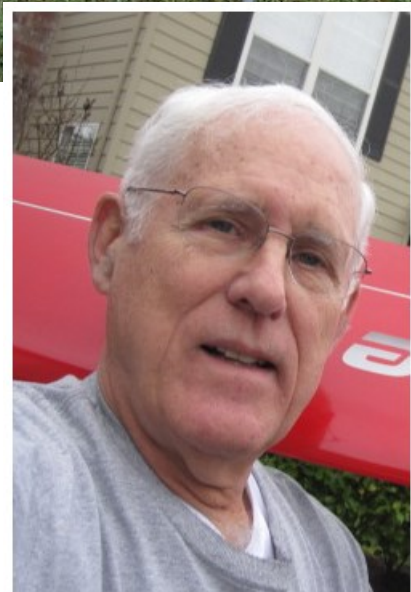
The wing span is 68.75" and the fuse is 43" long. The bolt on wing has a 9.5" root chord and 4.75 tip chord for an area of 3.365 Ft² and at 76 Oz, the wing loading is 22.6 OZ./Ft² which is about right for a fast slope plane. I plan on adding provision for ballast. The wing airfoils are Don Ayers DA8219 root (8.2% thick, 1.9% camber) and DA7517 tip (7.5% thick, 1.7% camber). The foam core LE was covered with a 2" wide strip of Kevlar on the bias (45-45) and then a layer of 4 oz. S-glass layer at 45 degrees to the span for torsional strength, 4 oz. uni-carbon over that with 1.4 oz. over that for a pin hole free finish (mostly). The ailerons are driven by 1/8" hardened wire torque rods that have the drive arms inside the fuse and the other end goes into the LE of the aileron.

I flew my earlier version of this slope plane at Eagle Butte and it have a heavier wing which did fantastic with an all up weight of 96 OZ. in 30 MPH winds. The flight the next day in 20 mph winds did not turn out so well. After a poor launch which required flying halfway down the slope to gain enough air speed to get airborne, I went out into what was supposed to be lift. Never got on step and crashed landed into the rocky face of Eagle Butte. Smashed the nose and delaminated the wing. But Joe C. was kind enough to mold me a new 10" nose section and he had another set of wing cores.

Why go to the trouble of rebuilding this PSS plane? Because it is a great flyer and big enough to see further out on the slope.

My paint scheme uses the Red Bull colors, but I abandoned the yellow dot with the charging red bulls after my graphics person declined doing the copyrighted logo. Instead I highlighted the name that Joe C. gave to his creation. I am very happy with the way it turned out. I will be waiting for ideal conditions before I throw this one off the cliff.

PSS FOLKERSMITT #3 pictures



Cool Glider design





Portland
Area
Sailplane
Society

PASS

4233 SW 182nd, #357

Gresham, OR 97030

Mailing Address Line 1

Mailing Address Line 2

Mailing Address Line 3

Mailing Address Line 4

Upcoming Events:

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